

## EAST Search History

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| L1    | 3092  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2006/07/21 17:32 |
| L5    | 4148  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2006/07/21 17:32 |
| L9    | 47570 | "717"/("127" "131" "134" "138" "139").ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2006/07/21 17:32 |
| L10   | 4513  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3 modif\$7) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2006/07/21 17:32 |
| S1    | 1     | "20030061598".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2005/02/15 14:52 |
| S2    | 2153  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2004/07/02 10:20 |
| S3    | 1766  | ((object machine machine-executable native) adj (code instruction language)) near3 (translat\$3 adapt\$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2004/07/02 10:06 |
| S4    | 2     | (insert add place put) adj10 (in into inside between) adj5 (object machine machine-executable native) adj (code instruction language)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2004/07/02 10:18 |
| S5    | 222   | (insert add place put) adj5 (object machine machine-executable native) adj (code instruction language)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2004/07/02 10:34 |
| S6    | 2898  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2004/07/02 10:33 |

## EAST Search History

|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S7  | 2     | ("5727169" "5748855").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2004/07/02 13:31 |
| S8  | 1     | ("6134710").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2004/07/02 13:31 |
| S9  | 7     | (US-4910663-\$ or US-6134710-\$ or<br>US-6195792-\$ or US-6351844-\$).<br>did. or (US-20030208745-\$ or<br>US-20040107217-\$).did. or<br>(WO-9712508-\$).did.   | US-PGPUB;<br>USPAT;<br>EPO                  | OR | OFF | 2005/02/10 14:49 |
| S10 | 38642 | "717"/("127" "131" "134" "138"<br>"139").ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2004/07/02 16:30 |
| S11 | 3158  | ((object machine<br>machine-executable native) adj<br>(code instruction language)) near5<br>(translat\$3 adapt\$5 transform\$5<br>chang\$3 manipul\$3 modif\$7)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2004/07/02 16:30 |
| S12 | 1050  | ("717"/("127" "131" "134" "138"<br>"139").ccls. ) and (((object machine<br>machine-executable native) adj<br>(code instruction language)) near5<br>(translat\$3 adapt\$5 transform\$5<br>chang\$3 manipul\$3 modif\$7)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2004/07/02 16:31 |
| S13 | 6     | ("5742804" "6321328" "6044221"<br>"5721865" "5615386" "5999736").<br>pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2004/07/02 16:45 |
| S18 | 6     | ("4910663" "6134710" "6195792"<br>"6351844" "20030208745"<br>"20040107217").pn.   | US-PGPUB;<br>USPAT;<br>EPO                  | OR | OFF | 2005/02/10 14:53 |
| S19 | 7     | (US-20030208745-\$ or<br>US-20040107217-\$).did. or<br>(US-4910663-\$ or US-6134710-\$ or<br>US-6195792-\$ or US-6351844-\$).<br>did. or (WO-9712508-\$).did.   | US-PGPUB;<br>USPAT;<br>EPO                  | OR | ON  | 2005/02/15 10:12 |
| S20 | 2     | S19 and interval  | US-PGPUB;<br>USPAT;<br>EPO                  | OR | ON  | 2005/02/15 10:12 |
| S21 | 1     | "6134710".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/02/15 11:12 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S22 | 371  | (branch adj prediction) and ((preload prefetch) adj ("instructions"))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 11:14 |
| S23 | 1    | (add\$3 insert\$3) near5 ((branch adj prediction) and ((preload prefetch) adj ("instructions")) )                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 11:26 |
| S24 | 0    | (add\$3 insert\$3) near5 ((preload prefetch) near3 (several interval number)) and (branch adj prediction)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 11:28 |
| S25 | 22   | (add\$3 insert\$3) near5 ((preload prefetch) near3 (several interval number))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 11:29 |
| S26 | 66   | (add\$3 insert\$3) near5 (preload prefetch) near5 (several interval number)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 11:28 |
| S27 | 1    | ("6134710").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 13:25 |
| S28 | 133  | multiple adj (prefetch pre adj (fetch load))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 14:53 |
| S29 | 132  | multiple adj (prefetch pre adj fetch)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 14:53 |
| S30 | 1    | "20030061598".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 18:03 |
| S31 | 2416 | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 18:03 |
| S32 | 1970 | ((object machine machine-executable native) adj (code instruction language)) near3 (translat\$3 adapt\$5)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 18:03 |
| S33 | 2    | (insert add place put) adj10 (in into inside between) adj5 (object machine machine-executable native) adj (code instruction language) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 18:03 |

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|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S34 | 255   | (insert add place put) adj5 (object machine machine-executable native) adj (code instruction language)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/02/15 18:03 |
| S35 | 3252  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/02/15 18:03 |
| S36 | 2     | ("5727169" "5748855").pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/02/15 18:03 |
| S37 | 1     | ("6134710").pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/02/15 18:03 |
| S38 | 7     | (US-4910663-\$ or US-6134710-\$ or US-6195792-\$ or US-6351844-\$). did. or (US-20030208745-\$ or US-20040107217-\$).did. or (WO-9712508-\$).did.  | US-PGPUB;<br>USPAT;<br>EPO                  | OR | OFF | 2005/02/15 18:03 |
| S39 | 43358 | "717"/("127" "131" "134" "138" "139").ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/02/15 18:03 |
| S40 | 3542  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3 modif\$7)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/02/15 18:03 |
| S41 | 1195  | ("717"/("127" "131" "134" "138" "139").ccls. ) and (((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3 modif\$7)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/02/15 18:03 |
| S42 | 6     | ("5742804" "6321328" "6044221" "5721865" "5615386" "5999736").pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/02/15 18:03 |
| S43 | 6     | ("4910663" "6134710" "6195792" "6351844" "20030208745" "20040107217").pn.  | US-PGPUB;<br>USPAT;<br>EPO                  | OR | OFF | 2005/02/15 18:03 |
| S44 | 7     | (US-20030208745-\$ or US-20040107217-\$).did. or (US-4910663-\$ or US-6134710-\$ or US-6195792-\$ or US-6351844-\$). did. or (WO-9712508-\$).did.  | US-PGPUB;<br>USPAT;<br>EPO                  | OR | ON  | 2005/02/15 18:03 |

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|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S45 | 2   | S44 and interval   | US-PGPUB;<br>USPAT;<br>EPO                  | OR | ON | 2005/02/15 18:03 |
| S46 | 1   | "6134710".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 18:03 |
| S47 | 371 | (branch adj prediction) and<br>((preload prefetch) adj<br>("instructions"))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 18:03 |
| S48 | 1   | (add\$3 insert\$3) near5 ((branch adj<br>prediction) and ((preload prefetch)<br>adj ("instructions"))) )           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 18:03 |
| S49 | 0   | (add\$3 insert\$3) near5 ((preload<br>prefetch) near3 (several interval<br>number)) and (branch adj<br>prediction) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 18:03 |
| S50 | 66  | (add\$3 insert\$3) near5 (preload<br>prefetch) near5 (several interval<br>number)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 18:03 |
| S51 | 22  | (add\$3 insert\$3) near5 ((preload<br>prefetch) near3 (several interval<br>number))                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 18:03 |
| S52 | 1   | ("6134710").pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 18:03 |
| S53 | 132 | multiple adj (prefetch pre adj fetch)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 18:03 |
| S54 | 133 | multiple adj (prefetch pre adj (fetch<br>load))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 18:03 |
| S55 | 1   | "20030088864".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/02/15 18:08 |
| S56 | 1   | "20030061598".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/08/17 12:33 |

## EAST Search History

|     |       |  |                                    |    |     |                  |
|-----|-------|--|------------------------------------|----|-----|------------------|
| S57 | 2625  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5)  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S58 | 2146  | ((object machine machine-executable native) adj (code instruction language)) near3 (translat\$3 adapt\$5)  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S59 | 2     | (insert add place put) adj10 (in into inside between) adj5 (object machine machine-executable native) adj (code instruction language)  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S60 | 283   | (insert add place put) adj5 (object machine machine-executable native) adj (code instruction language)   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S61 | 3529  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3)   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S62 | 2     | ("5727169" "5748855").pn.  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S63 | 1     | ("6134710").pn.  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S64 | 7     | (US-4910663-\$ or US-6134710-\$ or US-6195792-\$ or US-6351844-\$). did. or (US-20030208745-\$ or US-20040107217-\$).did. or (WO-9712508-\$).did.  | US-PGPUB; USPAT; EPO               | OR | OFF | 2005/08/17 12:33 |
| S65 | 41149 | "717"/("127" "131" "134" "138" "139").ccls.  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S66 | 3849  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3 modif\$7)  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S67 | 565   | ("717"/("127" "131" "134" "138" "139").ccls. ) and (((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3 modif\$7)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON  | 2005/08/17 12:33 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S68 | 6   | ("5742804" "6321328" "6044221" "5721865" "5615386" "5999736").pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S69 | 6   | ("4910663" "6134710" "6195792" "6351844" "20030208745" "20040107217").pn.  | US-PGPUB;<br>USPAT;<br>EPO                  | OR | OFF | 2005/08/17 12:33 |
| S70 | 7   | (US-20030208745-\$ or US-20040107217-\$).did. or (US-4910663-\$ or US-6134710-\$ or US-6195792-\$ or US-6351844-\$).did. or (WO-9712508-\$).did. | US-PGPUB;<br>USPAT;<br>EPO                  | OR | ON  | 2005/08/17 12:33 |
| S71 | 2   | S70 and interval   | US-PGPUB;<br>USPAT;<br>EPO                  | OR | ON  | 2005/08/17 12:33 |
| S72 | 1   | "6134710".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S73 | 389 | (branch adj prediction) and ((preload prefetch) adj ("instructions"))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S74 | 1   | (add\$3 insert\$3) near5 ((branch adj prediction) and ((preload prefetch) adj ("instructions"))) )   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S75 | 0   | (add\$3 insert\$3) near5 ((preload prefetch) near3 (several interval number)) and (branch adj prediction)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S76 | 69  | (add\$3 insert\$3) near5 (preload prefetch) near5 (several interval number)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S77 | 23  | (add\$3 insert\$3) near5 ((preload prefetch) near3 (several interval number))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S78 | 1   | ("6134710").pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S79 | 142 | multiple adj (prefetch pre adj fetch)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/08/17 12:33 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S80 | 143   | multiple adj (prefetch pre adj (fetch load))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/08/17 12:33 |
| S81 | 2625  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/08/17 12:33 |
| S82 | 3529  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/08/17 12:33 |
| S83 | 41149 | "717"/(("127" "131" "134" "138" "139").ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/08/17 12:33 |
| S84 | 3849  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3 modif\$7) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/08/17 12:33 |
| S85 | 0     | (add\$3 insert\$3) near5 ((preload prefetch) near3 (several interval number)) and (branch adj prediction)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/08/17 12:33 |
| S86 | 69    | (add\$3 insert\$3) near5 (preload prefetch) near5 (several interval number)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/08/17 12:33 |
| S87 | 142   | multiple adj (prefetch pre adj fetch)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/08/17 12:33 |
| S88 | 1     | "20030061598".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/08/17 12:33 |
| S89 | 1     | ("6134710").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/08/17 12:33 |
| S90 | 1     | "6134710".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2005/08/17 12:33 |



## EAST Search History

|          |     |   |   |    |     |                  |
|----------|-----|---|---|----|-----|------------------|
| S91      | 1   | (add\$3 insert\$3) near5 ((branch adj prediction) and ((preload prefetch) adj ("instructions"))) )  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S92      | 1   | ("6134710").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S93      | 2   | (insert add place put) adj10 (in into inside between) adj5 (object machine machine-executable native) adj (code instruction language)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S94      | 2   | ("5727169" "5748855").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S95      | 7   | (US-4910663-\$ or US-6134710-\$ or US-6195792-\$ or US-6351844-\$). did. or (US-20030208745-\$ or US-20040107217-\$).did. or (WO-9712508-\$).did. | US-PGPUB;<br>USPAT;<br>EPO                  | OR | OFF | 2005/08/17 12:33 |
| S96      | 6   | ("5742804" "6321328" "6044221" "5721865" "5615386" "5999736").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S97      | 6   | ("4910663" "6134710" "6195792" "6351844" "20030208745" "20040107217").pn.   | US-PGPUB;<br>USPAT;<br>EPO                  | OR | OFF | 2005/08/17 12:33 |
| S98      | 7   | (US-20030208745-\$ or US-20040107217-\$).did. or (US-4910663-\$ or US-6134710-\$ or US-6195792-\$ or US-6351844-\$). did. or (WO-9712508-\$).did. | US-PGPUB;<br>USPAT;<br>EPO                  | OR | ON  | 2005/08/17 12:33 |
| S99      | 2   | S98 and interval  | US-PGPUB;<br>USPAT;<br>EPO                  | OR | ON  | 2005/08/17 12:33 |
| S10<br>0 | 23  | (add\$3 insert\$3) near5 ((preload prefetch) near3 (several interval number))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S10<br>1 | 143 | multiple adj (prefetch pre adj (fetch load))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/08/17 12:33 |
| S10<br>2 | 283 | (insert add place put) adj5 (object machine machine-executable native) adj (code instruction language)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2005/08/17 12:33 |

## EAST Search History

|          |      |  |   |     |    |                  |
|----------|------|--|---|-----|----|------------------|
| S10<br>3 | 389  | (branch adj prediction) and<br>((preload prefetch) adj<br>("instructions"))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR  | ON | 2005/08/17 12:33 |
| S10<br>4 | 565  | ("717"/("127" "131" "134" "138"<br>"139").cccls. ) and (((object machine<br>machine-executable native) adj<br>(code instruction language)) near5<br>(translat\$3 adapt\$5 transform\$5<br>chang\$3 manipul\$3 modif\$7)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR  | ON | 2005/08/17 12:33 |
| S10<br>5 | 2146 | ((object machine<br>machine-executable native) adj<br>(code instruction language)) near3<br>(translat\$3 adapt\$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR  | ON | 2005/08/17 12:33 |
| S10<br>6 | 1    | "20030088864".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR  | ON | 2005/08/17 12:33 |
| S10<br>8 | 1    | "20030061598".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 10:18 |
| S10<br>9 | 1    | "6134710".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:17 |
| S11<br>0 | 0    | "branch prediction or preload"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:17 |
| S11<br>1 | 0    | "branch prediction instruction or<br>preload"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:17 |
| S11<br>2 | 3142 | "branch prediction"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:18 |
| S11<br>3 | 4    | "branch prediction" same preload   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:19 |
| S11<br>4 | 54   | "branch prediction" near5 (preload<br>or touch or hint)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:25 |

## EAST Search History

|          |     |   |   |     |    |                  |
|----------|-----|---|---|-----|----|------------------|
| S11<br>5 | 427 | "branch prediction" near5 (prefetch or pre adj fetch)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:27 |
| S11<br>6 | 0   | insert\$3 near5 "branch prediction or prefetch"                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:25 |
| S11<br>7 | 0   | "branch prediction or prefetch"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:26 |
| S11<br>8 | 0   | "branch prediction instructions or prefetch"                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:26 |
| S11<br>9 | 0   | "branch prediction instruction or prefetch"                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:26 |
| S12<br>0 | 0   | "branch prediction instruction or a prefetch"                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:26 |
| S12<br>1 | 0   | "branch prediction or a prefetch"                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:26 |
| S12<br>2 | 0   | "branch prediction or a pre fetch"                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:26 |
| S12<br>3 | 0   | "branch prediction or pre fetch"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:26 |
| S12<br>4 | 0   | insert\$3 near5 ("branch prediction" near5 (prefetch or pre adj fetch)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:27 |
| S12<br>5 | 427 | "branch prediction" near5 (prefetch or pre adj fetch)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:33 |
| S12<br>6 | 71  | S125 and insert   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:27 |

## EAST Search History

|          |      |  |   |     |    |                  |
|----------|------|--|---|-----|----|------------------|
| S12<br>7 | 226  | S125 and insert\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:28 |
| S12<br>8 | 406  | S125 and (insert\$3 or plac\$3 or load\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:34 |
| S12<br>9 | 327  | ("branch prediction" near5 (prefetch or pre adj fetch)) near5 instruction  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:35 |
| S13<br>0 | 316  | S129 and (insert\$3 or plac\$3 or load\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:34 |
| S13<br>1 | 173  | S129 and (insert\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:35 |
| S13<br>2 | 69   | ("branch prediction" near5 (prefetch or pre adj fetch)) near instruction   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:35 |
| S13<br>3 | 17   | S132 and (insert\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2005/08/19 11:35 |
| S13<br>4 | 2875 | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR  | ON | 2006/02/03 16:19 |
| S13<br>6 | 3    | (insert add place put) adj10 (in into inside between) adj5 (object machine machine-executable native) adj (code instruction language)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR  | ON | 2006/02/03 16:19 |
| S13<br>8 | 3856 | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR  | ON | 2006/02/03 16:19 |
| S13<br>9 | 2    | ("5727169" "5748855").pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR  | ON | 2006/02/03 16:19 |

## EAST Search History

|          |       |  |   |    |     |                  |
|----------|-------|--|---|----|-----|------------------|
| S14<br>0 | 1     | ("6134710").pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:19 |
| S14<br>1 | 7     | (US-4910663-\$ or US-6134710-\$ or US-6195792-\$ or US-6351844-\$).<br>did. or (US-20030208745-\$ or US-20040107217-\$).did. or (WO-9712508-\$).did. | US-PGPUB;<br>USPAT;<br>EPO                  | OR | OFF | 2006/02/03 16:19 |
| S14<br>2 | 44269 | "717"/("127" "131" "134" "138" "139").ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:19 |
| S14<br>3 | 4197  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3 modif\$7)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:19 |
| S14<br>5 | 6     | ("5742804" "6321328" "6044221" "5721865" "5615386" "5999736").pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:19 |
| S14<br>6 | 6     | ("4910663" "6134710" "6195792" "6351844" "20030208745" "20040107217").pn.  | US-PGPUB;<br>USPAT;<br>EPO                  | OR | OFF | 2006/02/03 16:19 |
| S14<br>7 | 4     | (US-20030208745-\$ or US-20040107217-\$).did. or (US-4910663-\$ or US-6134710-\$ or US-6195792-\$ or US-6351844-\$).<br>did. or (WO-9712508-\$).did. | US-PGPUB;<br>USPAT;<br>EPO                  | OR | ON  | 2006/02/03 16:19 |
| S14<br>8 | 2     | S147 and interval  | US-PGPUB;<br>USPAT;<br>EPO                  | OR | ON  | 2006/02/03 16:19 |
| S14<br>9 | 1     | "6134710".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:19 |
| S15<br>1 | 1     | (add\$3 insert\$3) near5 ((branch adj prediction) and ((preload prefetch) adj ("instructions"))) )   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:19 |
| S15<br>2 | 0     | (add\$3 insert\$3) near5 ((preload prefetch) near3 (several interval number)) and (branch adj prediction)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:19 |
| S15<br>3 | 76    | (add\$3 insert\$3) near5 (preload prefetch) near5 (several interval number)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:19 |

## EAST Search History

|          |       |   |   |    |    |                  |
|----------|-------|---|---|----|----|------------------|
| S15<br>4 | 25    | (add\$3 insert\$3) near5 ((preload prefetch) near3 (several interval number))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S15<br>5 | 1     | ("6134710").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S15<br>6 | 156   | multiple adj (prefetch pre adj fetch)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S15<br>7 | 157   | multiple adj (prefetch pre adj (fetch load))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S15<br>8 | 2875  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S15<br>9 | 3856  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S16<br>0 | 44269 | "717"/("127" "131" "134" "138" "139").ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S16<br>1 | 4197  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3 modif\$7) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S16<br>2 | 0     | (add\$3 insert\$3) near5 ((preload prefetch) near3 (several interval number)) and (branch adj prediction)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S16<br>3 | 76    | (add\$3 insert\$3) near5 (preload prefetch) near5 (several interval number)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S16<br>4 | 156   | multiple adj (prefetch pre adj fetch)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |

## EAST Search History

|          |   |   |   |    |     |                  |
|----------|---|---|---|----|-----|------------------|
| S16<br>5 | 1 | "20030061598".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:19 |
| S16<br>6 | 1 | ("6134710").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:19 |
| S16<br>7 | 1 | "6134710".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:19 |
| S16<br>8 | 1 | (add\$3 insert\$3) near5 ((branch adj<br>prediction) and ((preload prefetch)<br>adj ("instructions"))) )  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:19 |
| S16<br>9 | 1 | ("6134710").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:19 |
| S17<br>0 | 3 | (insert add place put) adj10 (in into<br>inside between) adj5 (object<br>machine machine-executable<br>native) adj (code instruction<br>language)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:19 |
| S17<br>1 | 2 | ("5727169" "5748855").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:19 |
| S17<br>2 | 7 | (US-4910663-\$ or US-6134710-\$ or<br>US-6195792-\$ or US-6351844-\$).<br>did. or (US-20030208745-\$ or<br>US-20040107217-\$).did. or<br>(WO-9712508-\$).did. | US-PGPUB;<br>USPAT;<br>EPO                  | OR | OFF | 2006/02/03 16:19 |
| S17<br>3 | 6 | ("5742804" "6321328" "6044221"<br>"5721865" "5615386" "5999736").<br>pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:19 |
| S17<br>4 | 6 | ("4910663" "6134710" "6195792"<br>"6351844" "20030208745"<br>"20040107217").pn.   | US-PGPUB;<br>USPAT;<br>EPO                  | OR | OFF | 2006/02/03 16:19 |
| S17<br>5 | 4 | (US-20030208745-\$ or<br>US-20040107217-\$).did. or<br>(US-4910663-\$ or US-6134710-\$ or<br>US-6195792-\$ or US-6351844-\$).<br>did. or (WO-9712508-\$).did. | US-PGPUB;<br>USPAT;<br>EPO                  | OR | ON  | 2006/02/03 16:19 |
| S17<br>6 | 2 | S175 and interval   | US-PGPUB;<br>USPAT;<br>EPO                  | OR | ON  | 2006/02/03 16:19 |

## EAST Search History

|          |       |   |   |    |    |                  |
|----------|-------|---|---|----|----|------------------|
| S17<br>7 | 25    | (add\$3 insert\$3) near5 ((preload prefetch) near3 (several interval number))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S17<br>8 | 157   | multiple adj (prefetch pre adj (fetch load))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S18<br>3 | 1     | "20030088864".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S18<br>4 | 2875  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S18<br>5 | 3856  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S18<br>6 | 44269 | "717"/("127" "131" "134" "138" "139").cccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S18<br>7 | 4197  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3 modif\$7) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S18<br>8 | 0     | (add\$3 insert\$3) near5 ((preload prefetch) near3 (several interval number)) and (branch adj prediction)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S18<br>9 | 76    | (add\$3 insert\$3) near5 (preload prefetch) near5 (several interval number)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S19<br>0 | 156   | multiple adj (prefetch pre adj fetch)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |
| S19<br>1 | 2875  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:19 |



## EAST Search History

|          |       |   |   |    |    |                  |
|----------|-------|---|---|----|----|------------------|
| S19<br>2 | 3856  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:20 |
| S19<br>3 | 44269 | "717"/("127" "131" "134" "138" "139").ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:20 |
| S19<br>4 | 4197  | ((object machine machine-executable native) adj (code instruction language)) near5 (translat\$3 adapt\$5 transform\$5 chang\$3 manipul\$3 modif\$7) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:20 |
| S19<br>5 | 0     | (add\$3 insert\$3) near5 ((preload prefetch) near3 (several interval number)) and (branch adj prediction)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:20 |
| S19<br>6 | 76    | (add\$3 insert\$3) near5 (preload prefetch) near5 (several interval number)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:20 |
| S19<br>7 | 156   | multiple adj (prefetch pre adj fetch)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:20 |
| S19<br>8 | 1     | "20030061598".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:20 |
| S19<br>9 | 1     | ("6134710").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:20 |
| S20<br>0 | 1     | "6134710".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:20 |
| S20<br>1 | 1     | (add\$3 insert\$3) near5 ((branch adj prediction) and ((preload prefetch) adj ("instructions"))) )  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:20 |
| S20<br>2 | 1     | ("6134710").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/02/03 16:20 |

## EAST Search History

|          |   |   |   |    |     |                  |
|----------|---|---|---|----|-----|------------------|
| S20<br>3 | 1 | "20030061598".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:20 |
| S20<br>4 | 1 | ("6134710").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:20 |
| S20<br>5 | 1 | "6134710".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:20 |
| S20<br>6 | 1 | (add\$3 insert\$3) near5 ((branch adj<br>prediction) and ((preload prefetch)<br>adj ("instructions"))) )  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:20 |
| S20<br>7 | 1 | ("6134710").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:20 |
| S20<br>8 | 1 | "20030088864".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:20 |
| S20<br>9 | 3 | (insert add place put) adj10 (in into<br>inside between) adj5 (object<br>machine machine-executable<br>native) adj (code instruction<br>language)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:20 |
| S21<br>0 | 2 | ("5727169" "5748855").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:20 |
| S21<br>1 | 7 | (US-4910663-\$ or US-6134710-\$ or<br>US-6195792-\$ or US-6351844-\$).<br>did. or (US-20030208745-\$ or<br>US-20040107217-\$).did. or<br>(WO-9712508-\$).did. | US-PGPUB;<br>USPAT;<br>EPO                  | OR | OFF | 2006/02/03 16:20 |
| S21<br>2 | 6 | ("5742804" "6321328" "6044221"<br>"5721865" "5615386" "5999736").<br>pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:20 |
| S21<br>3 | 6 | ("4910663" "6134710" "6195792"<br>"6351844" "20030208745"<br>"20040107217").pn.   | US-PGPUB;<br>USPAT;<br>EPO                  | OR | OFF | 2006/02/03 16:20 |

## EAST Search History

|          |     |   |   |    |     |                  |
|----------|-----|---|---|----|-----|------------------|
| S21<br>4 | 4   | (US-20030208745-\$ or US-20040107217-\$).did. or (US-4910663-\$ or US-6134710-\$ or US-6195792-\$ or US-6351844-\$). did. or (WO-9712508-\$).did. | US-PGPUB;<br>USPAT;<br>EPO                  | OR | ON  | 2006/02/03 16:20 |
| S21<br>5 | 2   | S214 and interval   | US-PGPUB;<br>USPAT;<br>EPO                  | OR | ON  | 2006/02/03 16:20 |
| S21<br>6 | 25  | (add\$3 insert\$3) near5 ((preload prefetch) near3 (several interval number))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:20 |
| S21<br>7 | 3   | (insert add place put) adj10 (in into inside between) adj5 (object machine machine-executable native) adj (code instruction language)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:20 |
| S21<br>8 | 2   | ("5727169" "5748855").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:20 |
| S21<br>9 | 7   | (US-4910663-\$ or US-6134710-\$ or US-6195792-\$ or US-6351844-\$). did. or (US-20030208745-\$ or US-20040107217-\$).did. or (WO-9712508-\$).did. | US-PGPUB;<br>USPAT;<br>EPO                  | OR | OFF | 2006/02/03 16:20 |
| S22<br>0 | 6   | ("5742804" "6321328" "6044221" "5721865" "5615386" "5999736"). pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:20 |
| S22<br>1 | 6   | ("4910663" "6134710" "6195792" "6351844" "20030208745" "20040107217").pn.   | US-PGPUB;<br>USPAT;<br>EPO                  | OR | OFF | 2006/02/03 16:20 |
| S22<br>2 | 4   | (US-20030208745-\$ or US-20040107217-\$).did. or (US-4910663-\$ or US-6134710-\$ or US-6195792-\$ or US-6351844-\$). did. or (WO-9712508-\$).did. | US-PGPUB;<br>USPAT;<br>EPO                  | OR | ON  | 2006/02/03 16:20 |
| S22<br>3 | 2   | S222 and interval   | US-PGPUB;<br>USPAT;<br>EPO                  | OR | ON  | 2006/02/03 16:20 |
| S22<br>4 | 25  | (add\$3 insert\$3) near5 ((preload prefetch) near3 (several interval number))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:20 |
| S22<br>5 | 157 | multiple adj (prefetch pre adj (fetch load))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/02/03 16:20 |

## EAST Search History

|          |      |   |   |     |    |                  |
|----------|------|---|---|-----|----|------------------|
| S22<br>6 | 157  | multiple adj (prefetch pre adj (fetch load))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR  | ON | 2006/02/03 16:20 |
| S23<br>3 | 2352 | ((object machine machine-executable native) adj (code instruction language)) near3 (translat\$3 adapt\$5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR  | ON | 2006/02/03 16:20 |
| S23<br>5 | 1    | "20030061598".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S23<br>6 | 1    | "6134710".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S23<br>7 | 0    | "branch prediction or preload"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S23<br>8 | 0    | "branch prediction instruction or preload"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S23<br>9 | 3325 | "branch prediction"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S24<br>0 | 5    | "branch prediction" same preload  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S24<br>1 | 59   | "branch prediction" near5 (preload or touch or hint)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S24<br>2 | 450  | "branch prediction" near5 (prefetch or pre adj fetch)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S24<br>3 | 0    | insert\$3 near5 "branch prediction or prefetch"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S24<br>4 | 0    | "branch prediction or prefetch"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |

## EAST Search History

|          |     |   |   |     |    |                  |
|----------|-----|---|---|-----|----|------------------|
| S24<br>5 | 0   | "branch prediction instructions or prefetch"                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S24<br>6 | 0   | "branch prediction instruction or prefetch"                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S24<br>7 | 0   | "branch prediction instruction or a prefetch"                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S24<br>8 | 0   | "branch prediction or a prefetch"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S24<br>9 | 0   | "branch prediction or a pre fetch"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S25<br>0 | 0   | "branch prediction or pre fetch"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S25<br>1 | 0   | insert\$3 near5 ("branch prediction" near5 (prefetch or pre adj fetch))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S25<br>2 | 450 | "branch prediction" near5 (prefetch or pre adj fetch)                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S25<br>3 | 74  | S252 and insert   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S25<br>6 | 344 | ("branch prediction" near5 (prefetch or pre adj fetch)) near5 instruction | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S25<br>8 | 176 | S256 and (insert\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S25<br>9 | 74  | ("branch prediction" near5 (prefetch or pre adj fetch)) near instruction  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |

## EAST Search History

|          |    |                      |   |     |    |                  |
|----------|----|----------------------|---|-----|----|------------------|
| S26<br>0 | 18 | S259 and (insert\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/03 16:20 |
| S26<br>1 | 1  | "20030061598".pn.    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR  | ON | 2006/02/03 16:20 |
| S26<br>2 | 1  | "20030061598".pn.    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/07/11 15:27 |